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NATIONAL PHOTOGRAPHIC
INTERPRETATION CENTER

USER'S MANUAL FOR THE VERIFY, EDIT, AND APPROVE PROGRAM

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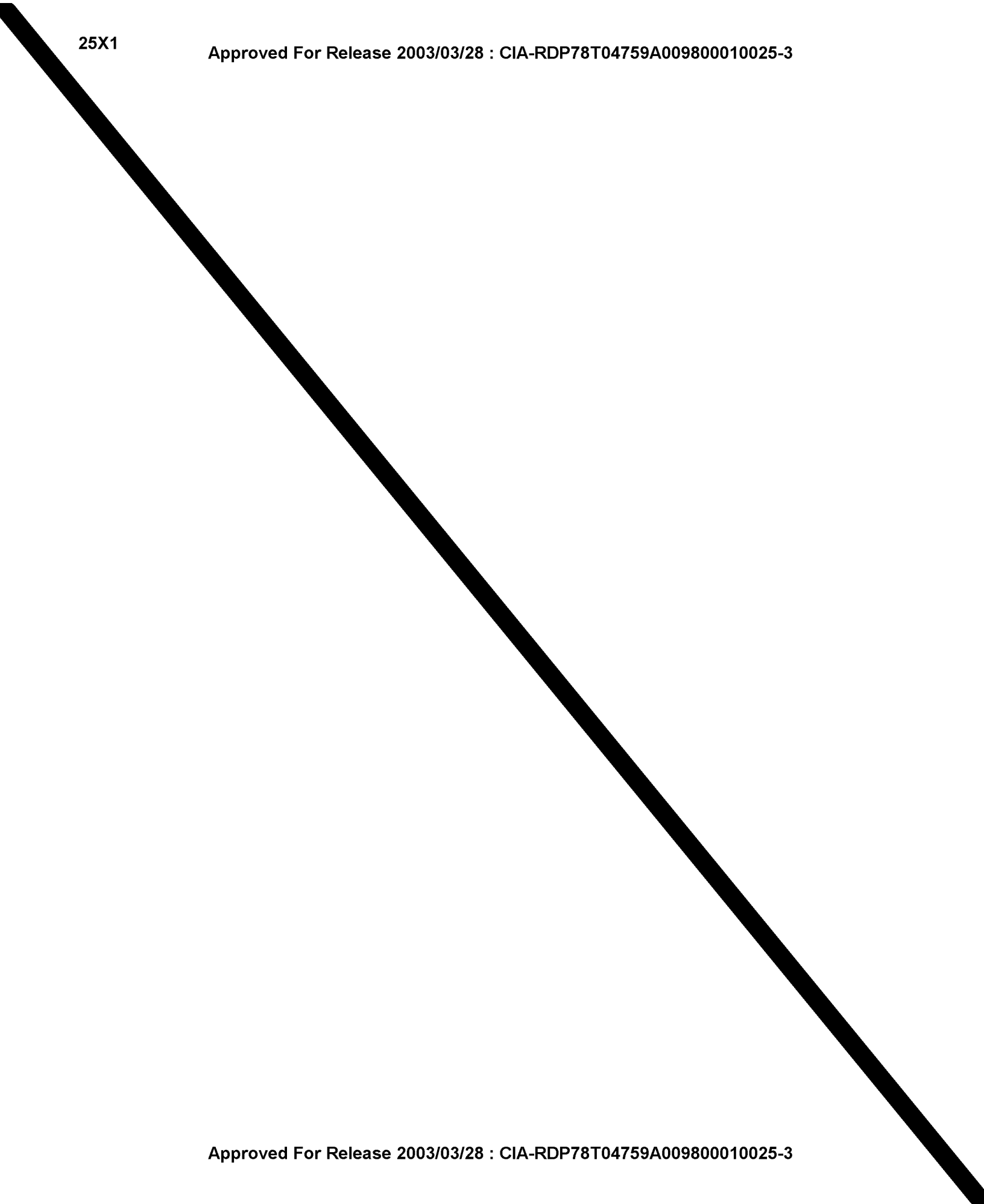

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USER'S MANUAL

FOR THE

VERIFY, EDIT, AND APPROVE PROGRAM

Revised Edition

June 1971

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LIST OF ILLUSTRATIONS

TO THE USERS

This edition of the User's Manual for the Verify, Edit, and Approve Program replaces the June 1970 edition [redacted] which should be destroyed. 25X1

When necessary, revisions and/or addenda to this manual will be issued by the Automated Information Division, Production Services Group. If you need additional copies of this manual or assistance in using the program, contact the Chief, AID.

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CHAPTER I. THE VEA PROGRAM AND TARGET READOUTS

Before target readouts and mission highlights from any given mission are stored in the Installations Data File (IDF) and an OAK cable issued, the accuracy and completeness of this information is checked. This check is simply an editorial review of each readout, and it is performed while each is displayed on a CRT screen by the VEA Program. For checking purposes only, the review is performed in three separate steps. The first step is called verifying; the second, editing; and the third, approving (Figure 1). Regardless of the names given to these steps, all involve the editing and/or review of a readout on three separate occasions but not necessarily by the same person. Which step you will be responsible for and the type of editing you will perform depends entirely on the policy of the component to which you are assigned. For example, the first two steps could be the responsibility of personnel at the division level and the third, the responsibility of personnel at the group level.

The VEA Program has been designed to expedite the three-step review by rapidly entering editorial changes in a given readout or in mission highlights. These changes may affect textual and nontextual data. Textual material may be deleted, inserted, replaced, and transposed. Nontextual information (a value) may be edited by changing one or more characters in a value but not the length of a value. Or, a readout may simply be proofread and no changes made. Once any step has been completed, there are only three possible actions you can take:

* move a readout to the next step (if any) in the review, i.e., advance it
* or repeat a step in the review, i.e., regress a readout
* or return a readout to the file

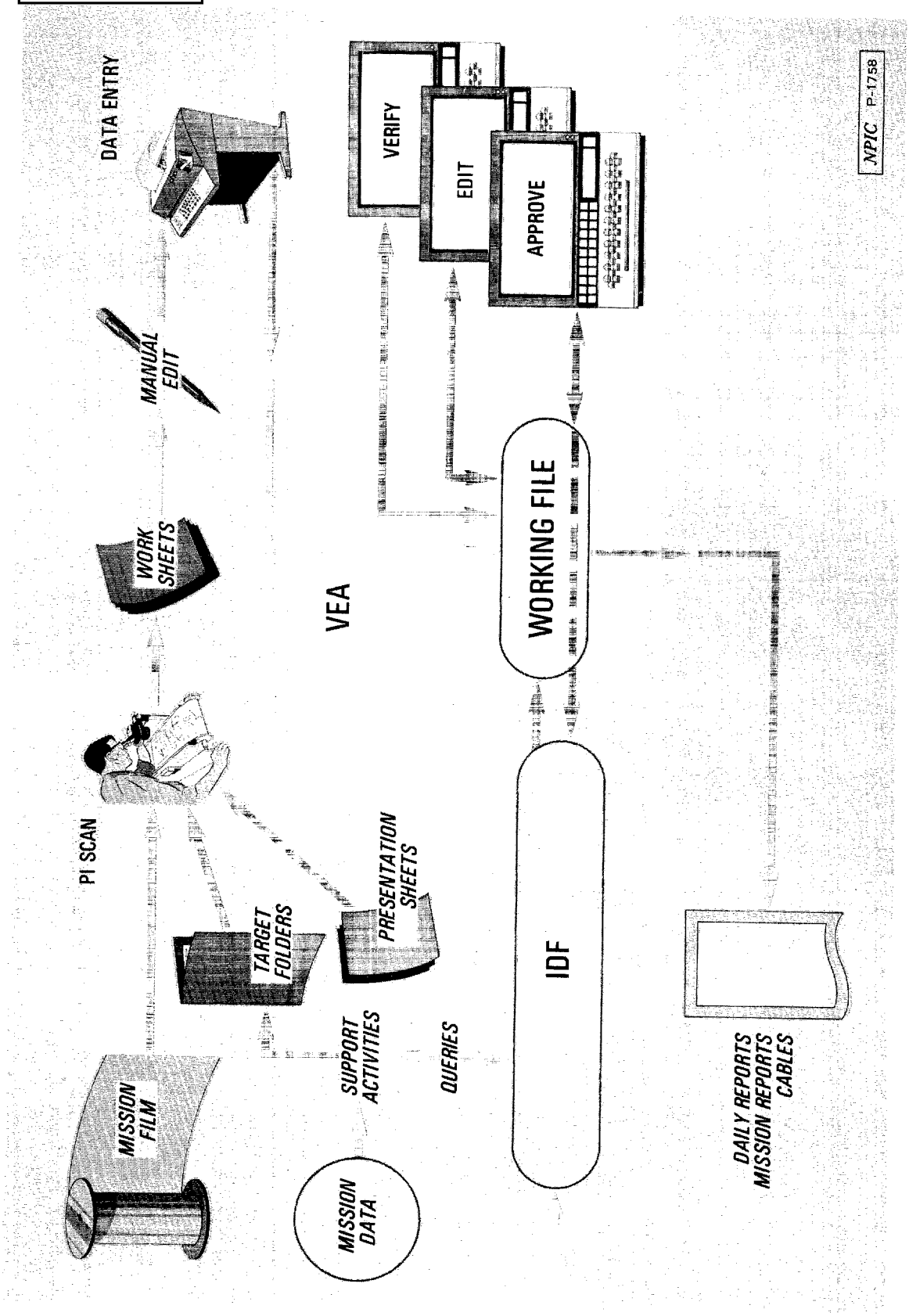

FIGURE 1. THE VEA PROGRAM AND TARGET READOUTS.

During the editorial review readouts are temporarily stored in a working file. After the three-step review has been completed, a readout is entered in the IDF by the Automatic Update (AUD) Program. At the same time a control list used in the production of OAK cables and supplements is updated accordingly.

Each step in the review requires a separate run of the VEA Program. However, if you prefer, the first two steps can be combined during one program run.

The VEA Program also gives you the option of monitoring the review of a single readout or of all readouts from the mission that is being exploited.

In this manual readouts will also be referred to as records. Each is identified by a machine reference number (MRN). Mission highlights are recorded only in MRN 1.

HOW DATA IS PROTECTED DURING THE EDITORIAL REVIEW

During the editorial review of readouts and highlights for any given mission, the VEA Program will be used concurrently by several people. To preclude unauthorized and incorrect changes to data during this time several safeguards have been included in the program.

The program can be called and run on only those CRTs reserved for that purpose; if you try to use an unauthorized CRT, you will receive an error message on the associated teletypewriter.

Only those records pertaining to the applicable step in the review will be displayed. If you try to obtain any others, even though you are using an authorized CRT, you will receive an error message on the CRT screen.

The computer will check each value to ensure that it contains the correct number of characters; if it does not, you will receive an error message on the screen.

Only one person can edit or review one record at any one time.

> The program will maintain two copies of each readout: a so-called original and a current copy. An original is a copy of the readout as you first received it; it will include all editorial changes [if any] made by a previous user of the program. At the beginning of your program run the two are identical. Although you may display the original at any time, you will edit only the current copy. At the end of your program run your edited, current copy will replace your original. It is your edited, current copy that is advanced to the next step in the editorial review.

In addition to the safeguards included in the program, each division is responsible for ensuring that only authorized personnel use the VEA Program.

ASSUMPTIONS

To use the VEA Program effectively it assumed that you

* know how to operate a Sanders Tabular Display, i.e., a CRT; see Introduction to the Remote Access Computer Service, second edition;
* are familiar with the IDF--its content, format, and mnemonics.

TYPES OF CRT DISPLAYS

As you edit and/or review each readout, you will always receive two different types of displays. First, instructions for implementing one of several options and instructions on what to do next will be displayed. In this way the program will take you, one step at a time, through the editorial review. Secondly, the readout to be reviewed or edited will be displayed. In addition, you may receive another type of display if you elect to monitor the review of a single record or of all records being edited for a given mission and phase of exploitation.

TIME RESTRICTIONS

Each time you receive a display you have ten minutes in which to respond. If you do not respond within that time, communications with the computer system will automatically be terminated. However, five minutes before the end of this interval, the UNSOL MSG switch will light up to indicate that you have five minutes in which to respond. Any valid response to the display will give you another ten-minute interval. If instructions are being displayed, complete one of them. If data is being displayed, press a valid function switch or transmit changes made to the data. Typing data on the screen is not considered a response. In any case, do not press the UNSOL MSG switch to turn it off. If you do, data may be lost.

You will be notified of other time restrictions (if any) via messages displayed on the CRT screen.

CHAPTER II. CALLING AND TERMINATING THE PROGRAM

CALLING THE PROGRAM

(1)	Press	TYPE	control switch
		ERASE PAGE	control switch
(2)	Type	VEA,LEN	[of CRT you are using]
	Press	(CR) then (LF)	keys
(3)	Type	[MIS COMPONENT CODE],[YOUR NAME],[YOUR EXTENSION]	
	Press	(CR) then (LF)	keys
(4)	Type	[V, E, A or VE],[Phase: 1 or 2],[MISSION DESIGNATOR],[IEG COMPONENT CODE],[LEN]	
(5)	Press	(EOM)	key
		XMIT PAGE	control switch;transmits all data just typed to the computer

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In step 4---

V, E, A, or VE	Applicable step in editorial review; type only 1 entry
Phase	Required entry
MISSION DESIGNATOR	Prefix + mission & bucket numbers or mission number only; see CHAPTER VI; up to 9 characters
IEG COMPONENT CODE	For IEG component responsible for readouts to be reviewed; numeric; to review all records for which all IEG components are responsible omit code & type 2 commas instead
LEN	Of on-line printer in case you need printouts of displayed data

For example---

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Wait for the UNSOL MSG switch [top row of function switches] to light up. When it does, press this switch to turn it off. After communications with the computer system have been properly established, your first instructions will be displayed within a short time. Proceed to CHAPTER III.

However, if communications with the computer system have not been properly established, that is the ACK MSG lamp does not go on within two or three seconds, follow these procedures.

* If the first three lines in your program call are still on the screen and the REPEAT ACTION status lamp is on, press the XMIT PAGE switch again.

* If there is no message on the screen and the REPEAT ACTION status lamp is on, repeat steps 2-5 in the program calling sequence.

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* If there is no message on the screen and the REPEAT ACTION status lamp is off, repeat the entire program calling sequence. If the lamp is still off, call the Chief, Systems Programming Branch, AID for assistance.

* If the first three lines of your program call are not on the screen but the letters EOT are, press ERASE PAGE and repeat steps 2-5 in the program calling sequence.

* If there is some other message on the screen and it does not include the letters EOT, the previous user probably did not terminate his program. For this reason,

press [ERASE PAGE] control switch

type KILLTHEJOB

press [XMIT PAGE] control switch

If another message appears, press ERASE PAGE. Repeat the entire program calling sequence.

TERMINATING THE PROGRAM

To terminate the program at any time press the TERM function switch. The letters EOT will be superimposed on whatever is on the screen. If you terminate the program while correcting data, none will be lost; the record, just as you first received it, will be returned to the Working File. Before leaving the CRT

* press the ERASE PAGE control switch to clear the screen

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* turn the INTENSITY knob to the MIN position and the FOCUS knob counter-clockwise as far as it will go

If you request that the next record be displayed but there are no additional records to be reviewed, you will receive this display:

ALL ELIGIBLE MRN'S FOR YOUR CLASS HAVE BEEN
EDITED OR APPROVED. VEA TERMINATED.

EOT will then appear at the bottom of the screen. These letters indicate that the program has been terminated. Before leaving the CRT, press ERASE PAGE and turn the INTENSITY and FOCUS knobs as indicated above.

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CHAPTER III. INITIAL INSTRUCTIONS

Initially the instructions shown in Figure 2 or 3 will be displayed shortly after you have called the program.

INSTRUCTIONS FOR VERIFYING OR VERIFYING AND EDITING

If you typed V or VE when you called the program, the instructions shown in Figure 2 will be displayed. To use the first option follow the instruction and then press the XMIT PAGE control switch. The computer will begin to retrieve the specified record from the Working File, one sector at a time. While this is being done, this message will appear on the screen:

VEA NOW IN PROCESS OF BUILDING - Sector - LINES

The word, Sector, represents the mnemonic of the sector being retrieved. After the record has been assembled and formatted, it will be displayed.

If you select the second option by pressing the STATUS function switch, the instructions and options described in CHAPTER VI will be displayed.

INSTRUCTIONS FOR EDITING OR APPROVING

If you typed E or A when calling the program, the instructions shown in Figure 3 will be displayed. The first two are identical to those shown

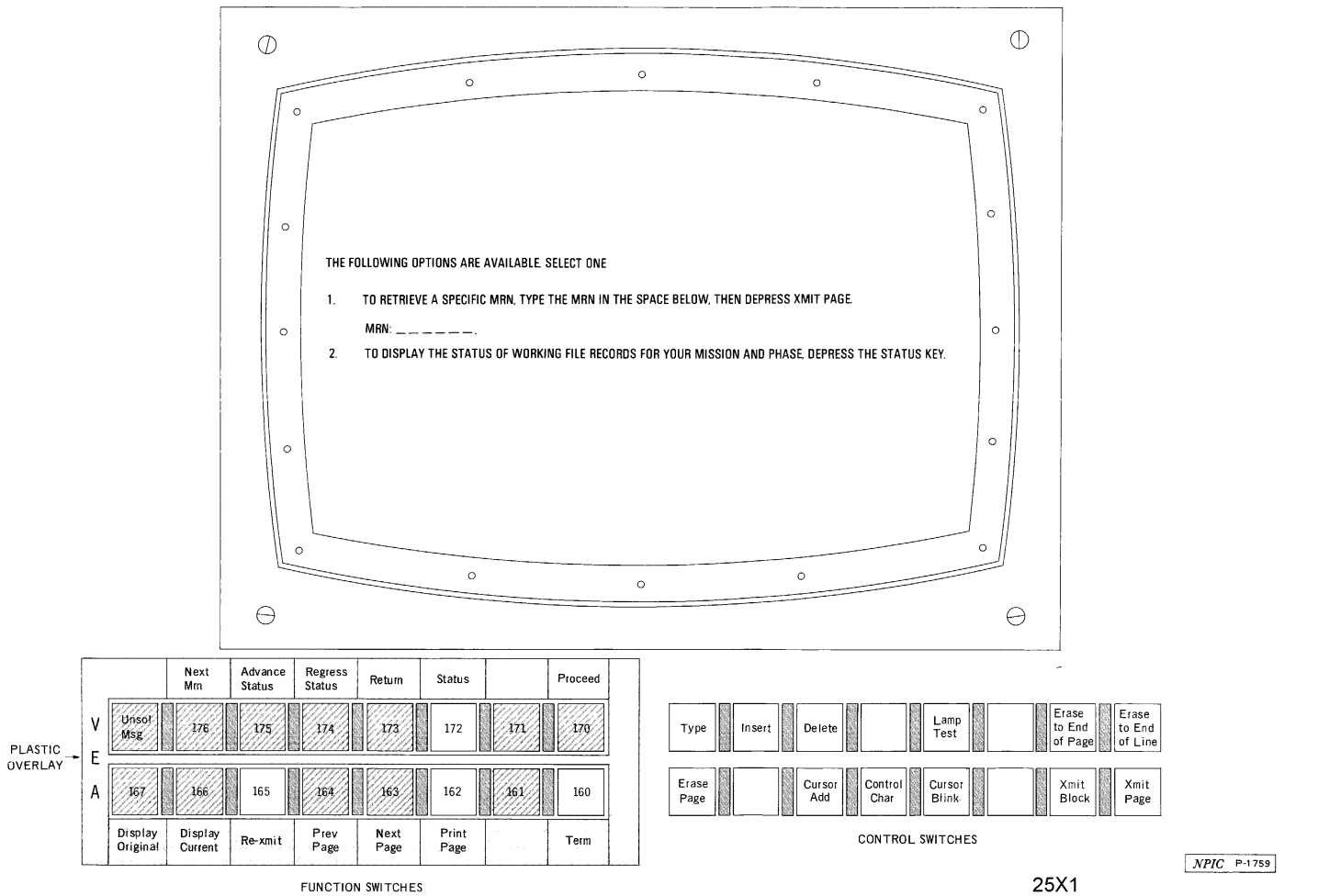

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FIGURE 2. INSTRUCTIONS FOR VERIFYING OR VERIFYING AND EDITING. Only the function switches shown in white may be used.

in Figure 2. If you select the third option, the next record to be reviewed by your component will be displayed. If you typed two commas instead of a component code when calling the program, you will receive the next record to be reviewed for the specified mission and phase. If there are no more records, you will receive a termination display. [See CHAPTER II.]

TYPING THE
WRONG MRN

If you type -- but do not transmit -- an incorrect MRN, type the correct number over the incorrect number. If you have inadvertently typed anywhere other than over the dashes and possibly deleted material, be sure to replace that material before pressing the XMIT PAGE switch. If you transmit an invalid MRN, you will receive an error message. [See CHAPTER VII.]

GETTING THE
WRONG RECORD

If you unintentionally transmit an MRN and it is a valid MRN, the corresponding record will be displayed. In that case, press function switch 173 to return it to the Working File or terminate communications with the computer by pressing TERM.

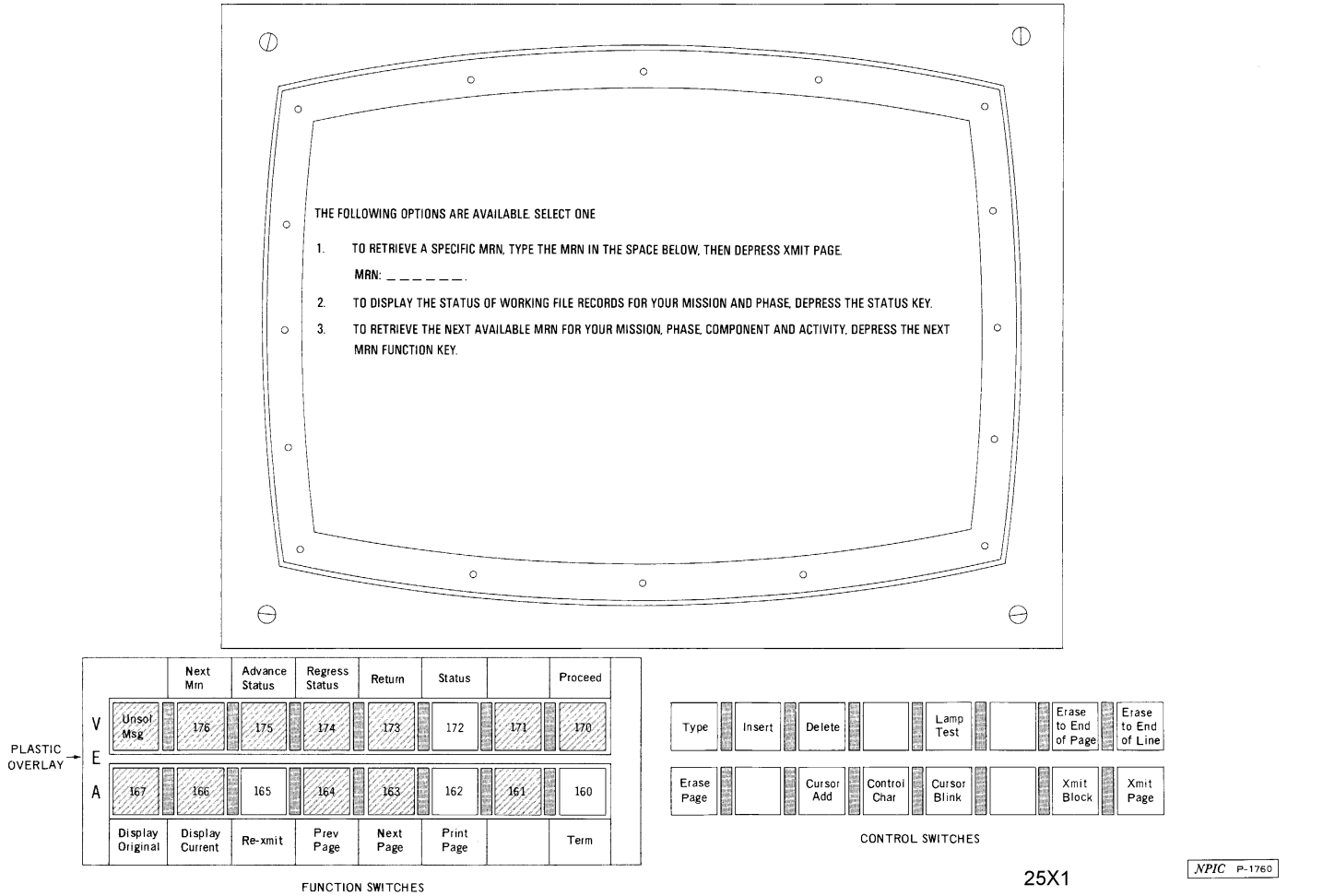

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FIGURE 3. INSTRUCTIONS FOR EDITING OR APPROVING. Only the function switches shown in white may be used.

CHAPTER IV. CHANGING THE STATUS OF A RECORD

If you have displayed all pages of a record at least once, you can indicate [to the program] that the record is ready for the next step in the editorial review; or that a previous step must be repeated; or that the record is to be returned to the Working File. If you try to change the status of a record without reviewing all pages at least once, you will receive an error message.

ADVANCING A RECORD

To indicate to the program that a record is ready for the next step in the review, that is, to advance it, press the ADVANCE STATUS function switch. What the program will do will depend on what you typed in your program call.

If You Typed	Record Will Be Sent To
V	User who types E in program call
E	User who types A in program call
VE	User who types A in program call
A	IDF by AUD Program

When you press the ADVANCE STATUS switch, all changes you have made to a displayed record will remain intact. The only exception to this is described in Spacing, CHAPTER V.

If you are concerned with the last step in the editorial review, the computer will indicate that the required action has been completed by printing this kind of message on the associated teletypewriter:

```
RUN IN PROCESS - MRN/000662 PHASE MISSION/[redacted]
AUD RUN COMPLETED - NO ERRORS
```

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If you have "approved" a record on a new target and one or more fields in the IHEAD sector are erroneous, the record will be entered in the IDF but the erroneous fields will not be entered. Usually you will be unaware of this action because only an authorized user can enter the required data in the IDF by using the On-Line Update (OUD) Program. The VEA Program cannot correct or update information stored in the IDF. However, you may be notified of the action if this kind of message should be printed on the associated teletypewriter:

```
RUN IN PROCESS - MRN/300066 PHASE MISSION/[redacted]
UPDATE WAS DONE
NON-REQUIRED FIELD IN ERROR***MILI****
NON-REQUIRED FIELD IN ERROR***SRAD****
NON-REQUIRED FIELD IN ERROR***COMP****
AUD RUN COMPLETED
```

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If you receive such a message, notify those authorized to update the IDF.

REGRESSING A RECORD

To indicate to the program that a previous step in the editorial review must be repeated, that is, to regress a record, press the REGRESS STATUS function switch. What the program will do will depend on what you typed in your program call.

If You Typed	Record Will Be
V	Deleted; instructions shown in Figure 2 will be redisplayed

If You Typed	Record Will Be
E	Sent to user who types V in program call; instructions shown in Figure 3 will be redisplayed
VE	Deleted; instructions shown in Figure 2 will be redisplayed
A	Subject to one of 3 actions noted in Figure 4; then instructions shown in Figure 3 will be redisplayed

When you press the REGRESS STATUS switch, all changes you have made to a readout are disregarded by the program. The original copy of the readout, that is, the readout as you first received it, is subject to the appropriate action noted in the preceding table.

RETURNING
A RECORD

When you press the RETURN switch [173], the record is returned to the Working File. Any changes you have made are disregarded by the program. You may return a record to the Working File at any time; you need not display each page before doing so.

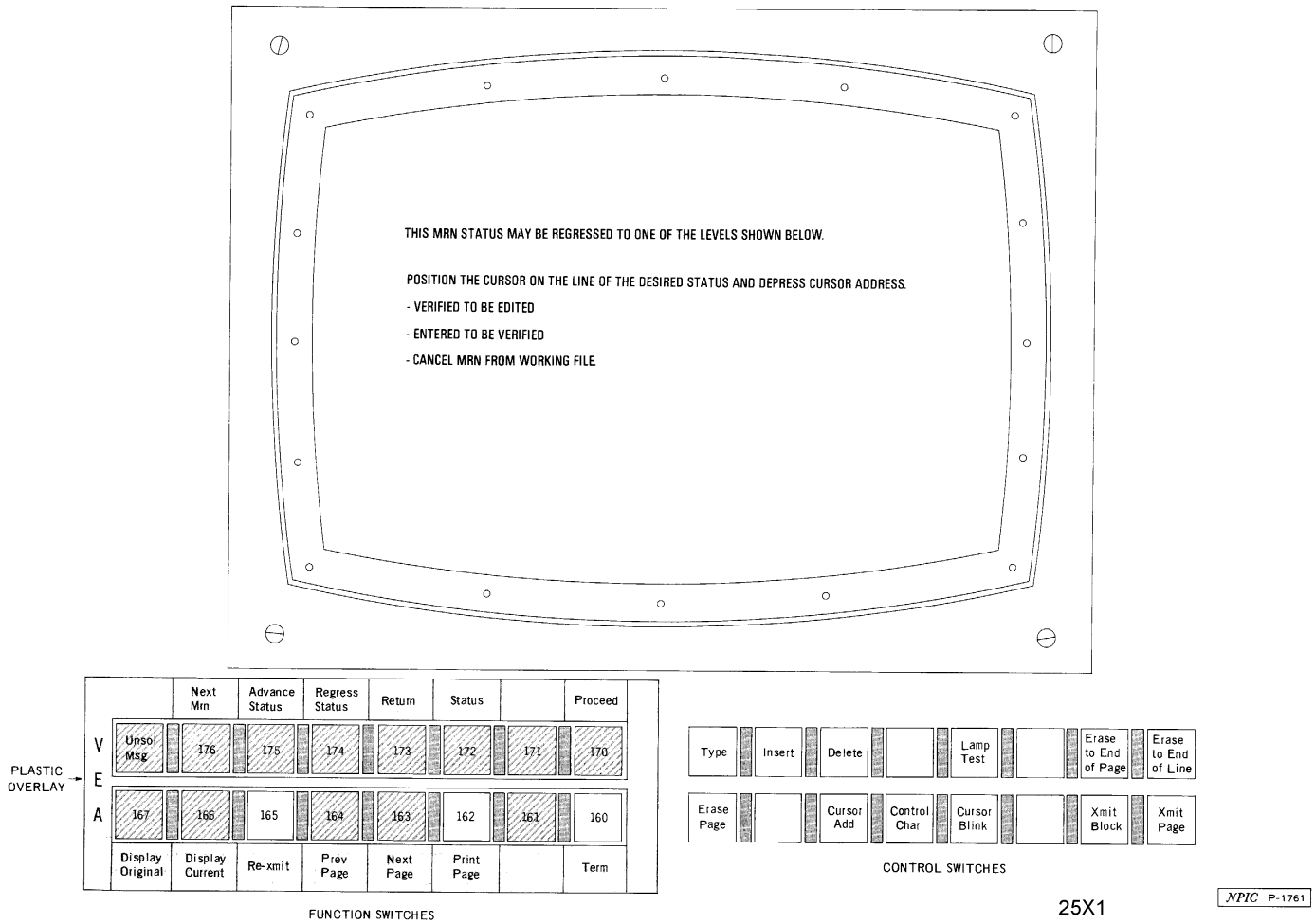

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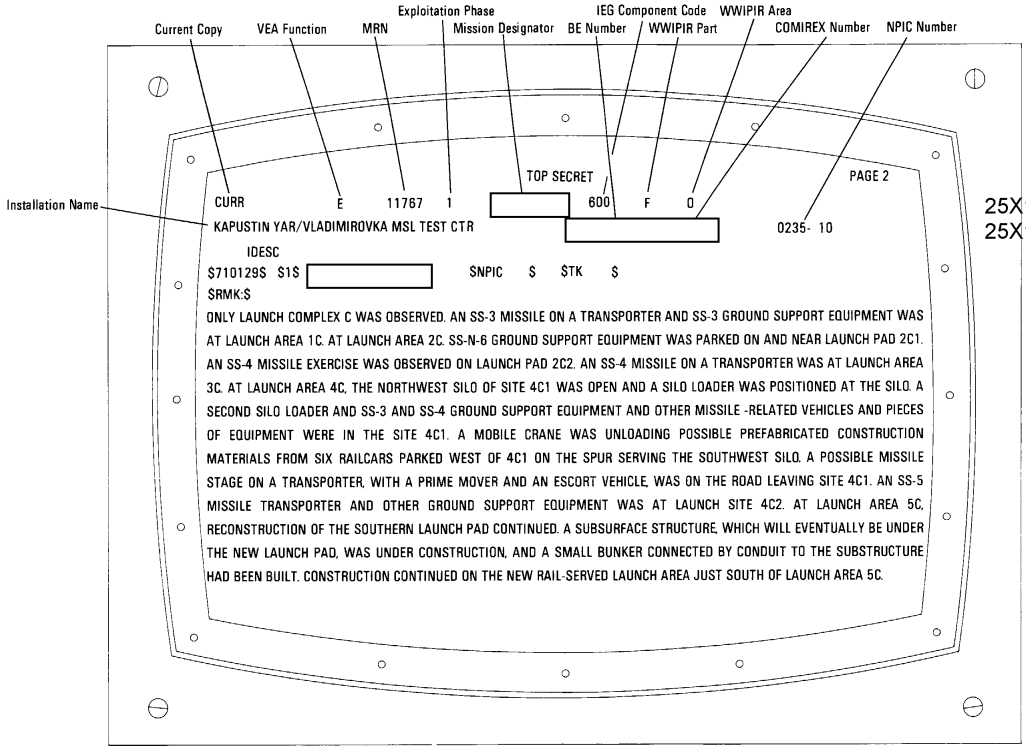
FIGURE 4. INSTRUCTIONS FOR REGRESSING RECORDS. Only the function switches shown in white may be used.

CHAPTER V. EDITING RECORDS

Records on targets and mission highlights may be edited while they are displayed on the screen. Each record consists of one or more CRT pages. A sample page from one record is shown in Figure 5. The first three lines comprise a header. Except for the page number, the header will not change, regardless of the number of pages to be processed. Error messages, if any, will appear on the fourth line. One or more of these sectors will be displayed on the rest of the page:

ICNTR	Data for updating record
IHEAD	Target identification; for new targets only
IDESC	Additional data on target status and activity
IHIGH	Mission highlights
ILOCA	Location and map references
IOBJE	Data on order of battle and other objects
IPHOT	Photo references
ISECU	Security and defenses
ISTAT	Status of target



NPIC P-1762

FIGURE 5. SAMPLE PAGE FROM ONE RECORD. Only the function switches shown in white may be used.

COPIES OF RECORDS

The program will maintain two copies of each Working File record: current [CURR] and original [ORIG]. See CHAPTER I. You will edit only the CURR copy of each record. However, at any time you may see the original by pressing the DISPLAY ORIGINAL function switch. This is a copy of the record as you first received it; it will include all editorial changes [if any] made by a previous user of the program. To redisplay a CURR copy of a given page press the DISPLAY CURRENT function switch.

DISPLAYING PAGES

To display the next page [if any] or the previous page of a record press the NEXT PAGE or PREV PAGE function switch, as appropriate. If you press the NEXT PAGE switch while the last page of a record is on the screen, the first page will be redisplayed. By the same token, if you press the PREV PAGE switch while the first page is on the screen, the last page will be redisplayed.

TYPES OF DATA
TO BE EDITED

In each record you may edit textual and nontextual data [values]. Nontextual values appear between dollar signs. The total number of characters that can comprise each is fixed and cannot be changed during the editing process. For example, 456 could appear in a four-character field or item; this could be changed to 3456, but a fifth character could not be added. Textual material will not be delimited by dollar signs. The length of this material is not fixed. It may or may not contain field mnemonics.

All dollar signs and annotations for fields and items are displayed only for your convenience and will not be transmitted to the Working File.

EDITING TEXTUAL
MATERIAL

Only the fields listed on the next page contain text that may be

edited. All are repeating fields. [See APPENDIX A.] Only the occurrence you select will be displayed for editing.

Field	Sector
DES:	IDESC
DFC:	ISECU
HIGH	IHIGH
OBJE	IOBJE
PHO:	IPHOT
STA:	ISTAT

Editorial Method

Each selected occurrence of one of the fields listed above will be separated from the rest of the readout and displayed on a so-called EXPAND PAGE (Figure 6). ALL TEXT MUST BE EDITED ON AN EXPAND PAGE. At the bottom of this page there will be at least four blank lines in which you may type text. If necessary, the field will be continued on subsequent EXPAND PAGES. Regardless of the number of EXPAND PAGES, the entire text cannot exceed 51 lines, each containing 80 characters. This total does not include header information. If you try to transmit more than 51 lines, the excess will not be sent to the computer and will be lost. How to get an EXPAND PAGE is explained on page V-6.

Edit one EXPAND PAGE at a time and then transmit that page to the computer. The next EXPAND PAGE [if any] will then be displayed. However, you may transmit changes for one page as often as you wish.

Editing consists of inserting, deleting, replacing, and transposing the displayed text. Characters may also be replaced on a one-for-one basis. However, new fields cannot be added to a record; this function is performed by the On-Line Update (OUD) Program.

Spacing

As you insert and delete textual material, the proper spacing between words should be preserved. If a word ends in the last position of one line, the first character in the next line must be a space. The same care must be taken when going from the last line of one page to the first line of the next. To maintain proper spacing and to see precisely where textual material can be typed, press the CONTROL CHAR switch. Text can be placed in any position not filled by a value or a control character. At the end of each line all spaces but one will automatically be eliminated when the readout

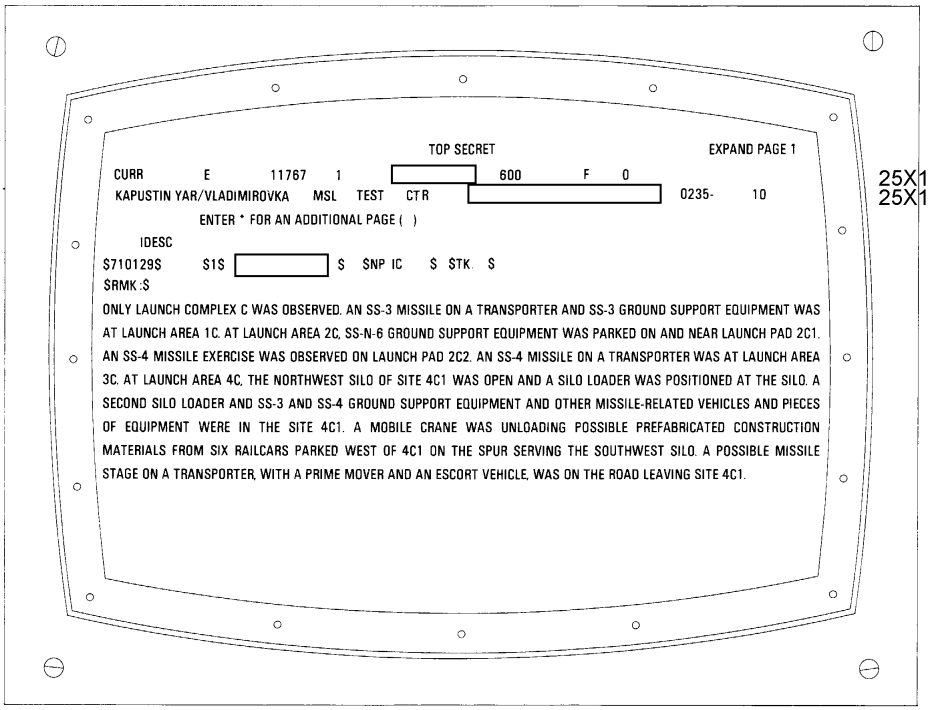


FIGURE 6. TEXTUAL MATERIAL DISPLAYED ON AN EXPAND PAGE. Only the function switches shown in white may be used when editing on this page.

is advanced to the next step in the editorial review.

Getting an Expand Page

To select a field and edit textual material on one EXPAND PAGE follow these steps in the order listed.

1 Place the cursor anywhere within the occurrence of the repeating field you want to edit; if you place the cursor anywhere else, you will get an error message.

2 Press the [CURSOR ADD] control switch.

EXPAND PAGE 1 of the selected field will appear on the screen (Figure 6).

3 Delete, insert, replace, and/or transpose text. [See the following pages.]

4 Press [XMIT PAGE] control switch to transmit your editorial changes to the computer.

The next EXPAND PAGE will automatically be displayed. If you did not make a change and transmit it to the computer, press NEXT PAGE instead.

If you press an invalid function switch, you will receive an error message in line 4. To correct the error press the correct switch. Any changes made since the last transmission will be lost and must be redone. After the last EXPAND PAGE has been edited and transmitted to the computer, EXPAND PAGE 1 will be displayed. To redisplay any EXPAND PAGES you have just edited press the NEXT PAGE function switch until the page you want reappears. The PREV PAGE function switch cannot be used in this instance. Then,

5 Press the [PROCEED] control switch.

Getting Additional Space
on an Expand Page

If you have inserted text anywhere above the four blank lines on an EXPAND PAGE and consequently these lines become filled, you can continue to insert text by following these procedures.

* Press XMIT PAGE

  Do not type an asterisk in the message at the top of the page.

* Press NEXT PAGE until the same page on which you wish to continue insertions is displayed.

* Press INSERT control switch.

* Continue inserting text.

There will be four new blank lines at the bottom of the EXPAND PAGE.

Getting New
Expand Pages

If you typed data in the four blank lines at the bottom of the page and consequently need more space, you can get a new EXPAND PAGE by following these instructions.

* Type an asterisk between the parentheses in this message [top of page]:

  ENTER * FOR NEW PAGE ( )

* Press XMIT PAGE

A new EXPAND PAGE will be displayed and will include the last two lines from the preceding page. Continue typing on the new page. To get additional EXPAND PAGES repeat the procedures given at the bottom of the preceding page. After you have completed and transmitted all new EXPAND PAGES, you will receive the next page [if any] of the field you are editing.

Deleting Text

Before deleting textual material, be sure to press the DELETE control switch. Two of the three ERASE control switches, ERASE TO END OF LINE and ERASE TO END OF PAGE, can be used to quickly delete larger portions of text. When using the latter, be careful not to erase the NEW PAGE message at the top of the page.

Do not use the ERASE PAGE control switch to delete text.

Inserting Text

Before inserting text, press the INSERT control switch. Data can be inserted until the four blank lines at the bottom of an EXPAND PAGE are filled.

Replacing Text

Replacing text involves deleting information and inserting new information in the same location. Before you begin, you may find it helpful to get a printed copy of the page by pressing the PRINT PAGE function switch.

First make all deletions. Whenever possible, use the ERASE control switches mentioned above because they are faster. Then press the TYPE control switch and enter the new text.

Transposing Text

To transpose information delete it from one location and insert it in another. You may perform either operation first.

Correcting Errors
on Edited Pages

If you find an error before transmitting a given EXPAND PAGE,

* press the TYPE control switch
* place the cursor under the character to be corrected
* type the correct character

If you find an error after a given EXPAND PAGE has been transmitted, press the TYPE switch and type the correct characters over the incorrect ones. To delete characters press the DELETE switch. To insert characters press the INSERT switch and type the appropriate characters.

Transmit all corrections by pressing the XMIT PAGE switch.

EDITING NONTEXTUAL
DATA

Editing nontextual data is limited to replacing characters between dollar signs on a one-for-one basis. This is done by placing the cursor under the first character to be changed and then typing the correct characters. For example,

before striking P key: $NRIC$
after striking P key: $NPIC$

Then edit all other nontextual fields and items on the same page. You may change as many characters as many times as you wish. However, if you attempt to replace characters on other than a one-for-one basis or to change the length of a nontextual value, you will receive an error message.

After editing the displayed page, press the XMIT PAGE control switch to transmit the page to the computer. The next page [if any] will then appear on the screen.

If you press an invalid function switch while editing nontextual data, an error message will appear at the top of the screen. In this event

press the correct switch. All corrections made since the last valid transmission of data will be lost and must be redone.

To delete nontextual values place the cursor under the first value to be deleted and then press the space bar once for each character to be deleted.

ADDING AN OCCURRENCE
OF A REPEATING FIELD

To add an occurrence of a repeating field use the procedure given below. No more than 144 occurrences of repeating fields can be stored in any given record. This total includes occurrences in all sectors of a record.

(1) Press function switch 171.

(2) Follow this instruction which will be displayed in line 4:

TO ADD A FIELD PLACE THE CURSOR IN THAT FIELD AND PRESS CURSOR ADD

Place the cursor anywhere within the field you have selected. Then press the CURSOR ADD control switch.

(3) A duplicate of the selected field will then be displayed. Modify the duplicate as necessary. If a record already contains 144 occurrences of repeating fields, a duplicate will not be displayed.

If you decide not to add an occurrence AFTER pressing function switch 171 but BEFORE pressing CURSOR ADD, press NEXT PAGE, PREV PAGE, XMIT, or RE-XMIT. A new occurrence of a repeating field will not be added.

Although you may add an occurrence of a repeating field to a record, you cannot add a new field or sector to a record. This function is performed by the OUD Program.

DELETING AN OCCURRENCE
OF A REPEATING FIELD

To delete an occurrence of a repeating field use this procedure.

1. Press function switch 161.
2. Follow this instruction which will appear in line 4:

   TO DELETE A FIELD PLACE THE CURSOR IN THAT FIELD AND PRESS CURSOR ADD

   Place the cursor anythere within the field to be deleted. Then press the CURSOR ADD switch.
3. Press the XMIT PAGE function switch.

If you decide not to delete an occurrence AFTER pressing function switch 161 but BEFORE pressing CURSOR ADD, press NEXT PAGE, PREV PAGE, XMIT, or RE-XMIT. The occurrence will not be deleted.

PRINTOUTS OF
DISPLAYED PAGES

Each time you call and run the VEA Program, you may obtain printouts of up to ten pages. If you request more than ten, the program will terminate. You can get printouts before or after a page has been modified by the program. All displayed pages will be printed by the on-line printer you specified [via a LEN] in your program call.

If you want the printed page to include your editorial changes, be sure to first transmit these changes to the computer by pressing XMIT PAGE.

To receive a printed copy of a displayed page press the PRINT PAGE function switch while the page is on the screen.

CHAPTER VII. ERROR MESSAGES

If you have transmitted invalid data to the computer or pressed an invalid switch or key, you will receive an error message. All error messages and what to do about each are explained on the following pages. Messages are listed in alphabetical order.

Error Message	Cause	What To Do
****COULD NOT DETERMINE MRN IN LAST TRANSMISSION. TRY AGAIN.	Hardware error or MRN was not numeric	Retransmit MRN
CURSOR NOT POSITIONED CORRECTLY. DO AGAIN.	Record cannot be regressed until cursor is in correct position	Place cursor under correct space in correct line; see Figure 4
ERROR: ADEQUATE LINES ARE AVAILABLE ON THIS PAGE FOR ADDITIONS.	You requested additional page but none is needed	Use displayed page
ERROR: CANNOT CHANGE STATUS UNTIL ALL PAGES HAVE BEEN SEEN.	---	Review every page before advancing or regressing record
ERROR: CANNOT GO TO BURST MODE. FIELD HAS ONLY FIXED LENGTH DATA	You requested EXPAND PAGE while processing nontextual data	Edit nontextual data on page being displayed; only text is edited on EXPAND PAGE
ERROR: CORRECTIONS TO FIXED FIELDS HAVE ALTERED THE FORMAT. DO AGAIN.	You tried to change length of nontextual value	Correct erroneous characters only; do not change length of field

Error Message	Cause	What To Do
ERROR: CURSOR WAS NOT WITHIN ANY DATA FIELDS	You tried to get expanded page to edit text but cursor was not in any field	Place cursor inside field you want to edit
ERROR: EMPTY PAGE WAS SENT. PAGE MUST HAVE AT LEAST ONE LINE	Blank page transmitted to computer	Delete only unwanted text
ERROR: HAVE PRINTER ERROR. DO AGAIN OR IGNORE.	Hardware malfunction	Follow instruction in message
ERROR MUST XMIT IHEAD AT LEAST ONCE BEFORE ADV STAT TO INSURE COMPUTER EDITING	Only records on new targets will contain data for IHEAD sector; transmit this data at least once	Transmit page containing header for new target
ERROR: NO MISSION CONTROL SECTOR EXISTED FOR THE MISSION YOU SPECIFIED	No data in Working File for specified mission & phase	Call program again & specify correct mission & phase
ERROR: NR OR TEXT LINES EXCEEDS NN	Text is too long; cannot exceed total of 51 lines	Reduce length of text or enter excess text via OUD Program
ERROR ON FORMAT, MODE, OR PRINTER LEN, OR COMPONENT MISSING - RUN TERM.	---	Program will terminate; erase page & call program again

Error Message	Cause	What To Do
ERROR* REQUIRED FIELDS NOT ALL PRESENT*MUST HAVE COMI, OR BE$$, OR NPIC.	Header for new target incomplete	Transmit required data specified in message
ERROR-RESPONSE nnn or XP INVALID TO BELOW DISPLAY. RESPOND AGAIN	You pressed invalid function switch or XMIT PAGE switch nnn = number of invalid switch XP = XMIT PAGE	Press valid switch; corrections made since last transmission are lost & must be redone
ERRORS IN IHEADCANNOT ADVANCE STATUS	Errors in IHEAD sector	Correct errors before pressing ADVANCE STATUS switch
***HAVE ENCOUNTERED AN UNRECOVERABLE ERROR** NOTIFY xxxxx	---	Call C/ISB/AID for assistance
MRN IS IN PROCESS ELSEWHERE AND IS NOT AVAILABLE AT THIS TIME. CHOOSE ANOTHER	---	Press PROCEED; choose new MRN & transmit to computer by pressing XMIT PAGE
NO DATA IS IN THE WORKING FILE FOR THIS MRN. CHOOSE ANOTHER	MRN for specified mission and/or phase not in Working File	Press PROCEED; choose new MRN & transmit by pressing XMIT PAGE

TOP SECRET

25X1

TOP SECRET

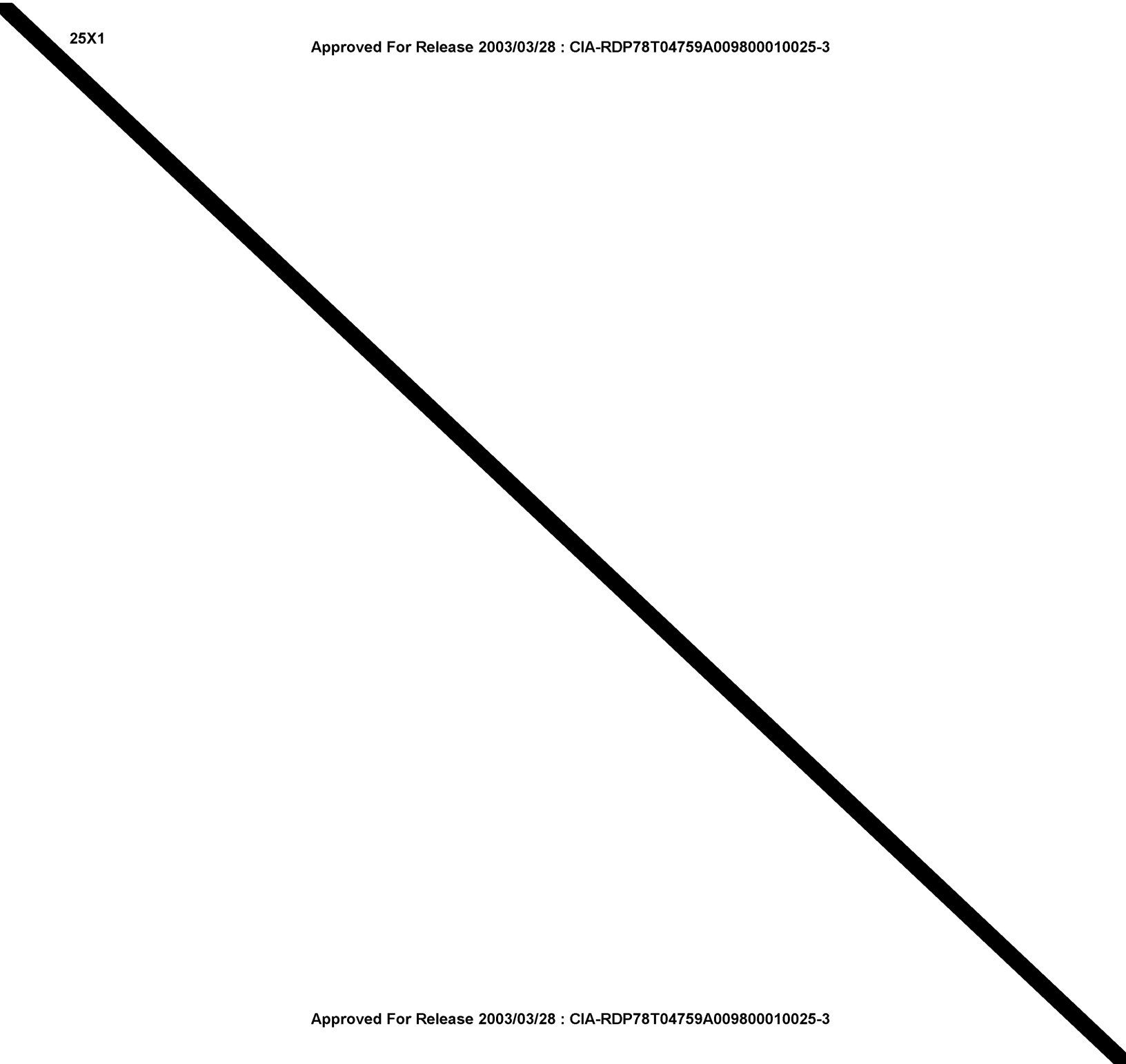
Error Message	Cause	What To Do
THE CONSOLE MODE IS XX, STATUS OF MRN IS XX. PROCEED AND MAKE ANOTHER CHOICE.	XX = V, E, VE, or A; requested MRN is not applicable to review step specified in program call	Request different MRN
THE FOLLOWING FIELDS ARE IN ERROR	Header errors for new target	Correct erroneous fields & transmit by pressing XMIT PAGE
UNABLE TO FIND TRANSMITTED MRN. DO AGAIN	Hardware error or MRN was not numeric	Retransmit MRN
VEA ERROR MSG - CRT LEN INVALID OR DEVICE ACQUISITION FAILED - RUN TERM.	You are using unauthorized CRT, or specified invalid review step [V, E, VE, or A] on authorized CRT, or hardware malfunction has occurred	Run program on authorized CRT or specify valid review step for CRT being used
YOUR COMPONENT MAY NOT ACCESS THAT MRN - RUN TERM.	MRN is not responsibility of IEG component specified in program call; program terminates	Call program again & specify correct IEG component code & MRN

25X1

APPENDIX A. GLOSSARY

CHARACTER	A single letter, number, or symbol; the smallest unit of information considered in this manual.
CRT	Cathode-ray tube; synonymous with a Sanders Tabular Display.
FIELD	A unit of information consisting of one or more items; identified by a mnemonic.
FILE	A set of records.
FORMAT	The arrangement of data in a file, record, sector, field, or item; also refers to the arrangement of data that is input or output.
HOME POSITION	Character position 1, line 1 on a CRT screen.
IDF	Installations Data File; a set of records on targets or installations; records contain data derived from imagery.
ITEM	A unit of information consisting of one or more characters; identified by a mnemonic except when it is the only item in a field; in this case an item has no mnemonic.

MNEMONIC	A combination of letters or of letters and symbols used as the name of a sector, field, or item.
MRN	Machine reference number; assigned by the computer to each record in the IDF for identification purposes; will not be changed or transferred to another record.
ON LINE	The status of a piece of equipment when connected to the UNIVAC 494 computer system in [redacted] 25X1
RECORD	In the IDF and the Working File, a unit of information consisting of one or more sectors; in the IDF each record is identified by a machine reference number; in this manual synonymous with readout.
REPEATING FIELD	A field which is used as many times as necessary, i.e., repeated, to record different values; all occurrences of the field have the same mnemonic; consult a description of the file to determine which fields are repeating fields.
SECTOR	A unit of information consisting of one or more fields; a sector is identified by a mnemonic.
VALUE	The content of a given record, sector, field, or item; synonymous with entry and data.
WORKING FILE	A temporary file containing data from the first and second phase exploitation of aerial photography; after approval, the data is entered in the IDF.



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